

Rubber and Plastics Hoses and Belting Manufacturing: 2002

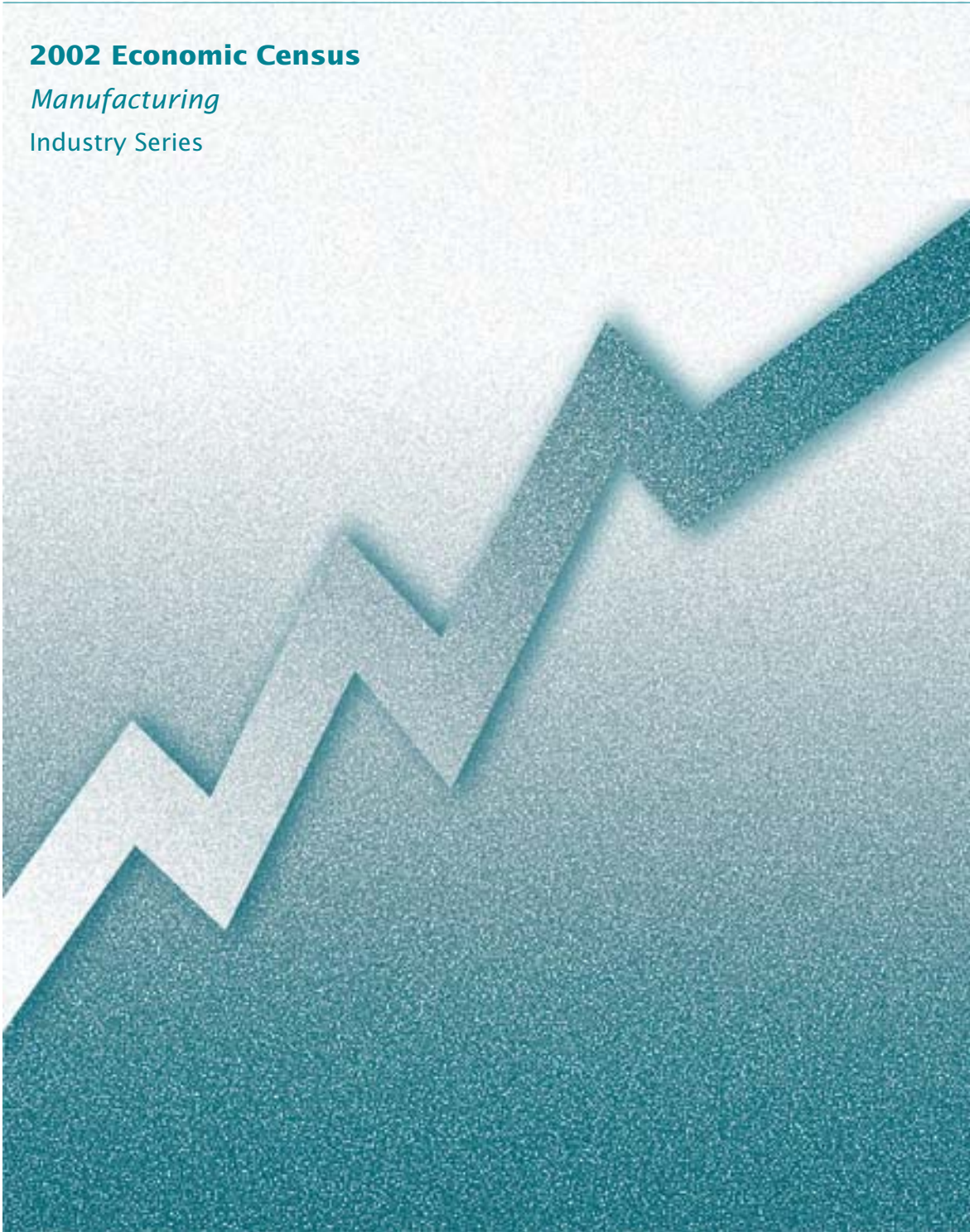
Issued August 2004

EC02-311-326220

2002 Economic Census

Manufacturing

Industry Series



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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
326220, Rubber and plastics hoses and belting manufacturing	2002..	186	23 210	787 472	17 955	35 842	524 804	2 097 324	1 931 165	4 011 753	138 608
	2001..	N	23 776	766 676	18 256	36 143	511 892	1 998 592	1 956 173	3 957 519	111 175
	2000..	N	25 114	823 906	19 343	40 046	549 525	2 213 604	2 065 178	4 242 850	142 204
	1999..	N	26 030	841 208	20 293	41 246	580 593	2 453 286	2 044 617	4 483 743	146 047
	1998..	N	24 181	775 834	19 092	39 592	536 899	2 236 910	1 944 952	4 191 333	156 927
	1997..	149	24 182	749 220	18 758	39 339	521 633	2 162 353	1 822 849	4 025 238	144 948

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
326220, Rubber and plastics hoses and belting manufacturing												
United States	1	260	137	23 210	787 472	17 955	35 842	524 804	2 097 324	1 931 165	4 011 753	138 608
California	2	29	7	579	16 616	467	888	11 459	58 707	56 803	115 963	8 174
Florida	1	15	6	824	27 354	654	1 473	20 345	50 662	56 114	107 290	1 555
Georgia	2	7	3	526	19 061	404	835	12 764	9 628	51 174	69 419	2 620
Illinois	4	11	8	878	28 901	665	1 137	18 873	95 555	53 726	152 550	14 591
Indiana	1	6	4	185	6 798	132	289	4 506	31 357	41 504	65 979	1 996
Iowa	—	7	5	597	19 195	508	1 019	14 840	42 799	79 150	120 894	972
Michigan	—	12	7	1 549	52 908	1 090	2 169	29 339	104 637	77 165	183 740	4 844
Missouri	—	9	8	1 687	47 128	1 432	2 781	36 235	130 979	122 824	251 296	7 188
New Jersey	1	6	2	461	13 395	416	734	11 114	46 194	50 532	93 723	3 389
New York	6	6	4	326	12 891	250	523	7 355	27 260	30 669	61 720	2 026
North Carolina	4	18	12	1 648	58 638	1 198	2 484	34 389	144 334	162 075	299 748	17 147
Ohio	2	25	15	2 541	90 072	1 996	3 859	60 397	261 794	294 105	553 222	17 540
Pennsylvania	1	8	5	461	16 679	296	583	8 154	45 132	20 345	64 692	1 103
Tennessee	—	9	7	1 927	61 772	1 550	3 462	46 162	139 933	181 710	322 282	7 151
Texas	—	12	7	461	15 181	346	739	9 862	41 508	34 313	69 066	2 455

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
326220, Rubber and plastics hoses and belting manufacturing	
Companies ¹	number.. 186
All establishments ²	number.. 260
Establishments with 1 to 19 employees	number.. 123
Establishments with 20 to 99 employees	number.. 66
Establishments with 100 employees or more	number.. 71
All employees ³	number.. 23 210
Total compensation	\$1,000.. 1 070 734
Annual payroll	\$1,000.. 787 472
Total fringe benefits	\$1,000.. 283 262
Production workers, average for year	number.. 17 955
Production workers on March 12	number.. 17 918
Production workers on May 12	number.. 18 074
Production workers on August 12	number.. 17 993
Production workers on November 12	number.. 17 805
Production worker hours	\$1,000.. 35 842
Production worker wages	\$1,000.. 524 804
Total cost of materials	\$1,000.. 1 931 165
Materials, parts, containers, packaging, etc., used	\$1,000.. 1 782 749
Resales	\$1,000.. 60 663
Purchased fuels	\$1,000.. 23 648
Purchased electricity	\$1,000.. 50 952
Contract work	\$1,000.. 13 153
Quantity of electricity purchased for heat and power	1,000 kWh.. 945 995
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. 4 011 753
Primary products value of shipments	\$1,000.. 3 644 780
Secondary products value of shipments	\$1,000.. 285 011
Total miscellaneous receipts	\$1,000.. 81 962
Value of resales	\$1,000.. 71 719
Contract receipts	\$1,000.. D
Other miscellaneous receipts	\$1,000.. D
Primary products specialization ratio	percent.. 93
Value of primary products shipments made in all industries	\$1,000.. 3 861 927
Value of primary products shipments made in this industry	\$1,000.. 3 644 780
Value of primary products shipments made in other industries	\$1,000.. 217 147
Coverage ratio	percent.. 94
Value added	\$1,000.. 2 097 324
Total inventories, beginning of year	\$1,000.. 509 203
Finished goods inventories	\$1,000.. 302 635
Work-in-process inventories	\$1,000.. 67 997
Materials and supplies inventories	\$1,000.. 138 571
Total inventories, end of year	\$1,000.. 523 290
Finished goods inventories	\$1,000.. 321 573
Work-in-process inventories	\$1,000.. 65 795
Materials and supplies inventories	\$1,000.. 135 922
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 1 949 994
Total capital expenditures (new and used)	\$1,000.. 138 608
Buildings and other structures (new and used)	\$1,000.. 23 602
Machinery and equipment (new and used)	\$1,000.. 115 006
Automobiles, trucks, etc., for highway use	\$1,000.. 2 217
Computers and peripheral data processing equipment	\$1,000.. 5 810
All other expenditures for machinery and equipment	\$1,000.. 106 979
Total retirements	\$1,000.. 61 994
Gross value of depreciable assets at end of year	\$1,000.. 2 026 608
Depreciation charges during year	\$1,000.. 116 208
Total rental payments	\$1,000.. 27 494
Buildings and other structures	\$1,000.. 15 765
Machinery and equipment	\$1,000.. 11 729
Total other expenses ⁴	\$1,000.. 281 115
Response coverage ratio ⁵	percent.. 83
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 37 488
Communications services ⁴	\$1,000.. 7 397
Legal services ⁴	\$1,000.. 2 428
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 1 398
Advertising and promotional services ⁴	\$1,000.. 5 343
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 8 654
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 5 935
Management consulting and administrative services ⁴	\$1,000.. 5 800
Taxes and license fees ⁴	\$1,000.. 11 102
All other expenses ⁴	\$1,000.. 195 570

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
326220, Rubber and plastics hoses and belting manufacturing											
All establishments	1	260	23 210	787 472	17 955	35 842	524 804	2 097 324	1 931 165	4 011 753	138 608
Establishments with—											
1 to 4 employees	9	55	c	D	D	D	D	D	D	D	D
5 to 9 employees	6	25	173	5 494	125	251	3 715	14 405	16 236	30 956	1 065
10 to 19 employees	4	43	621	21 139	457	918	13 906	75 669	66 086	141 648	4 979
20 to 49 employees	2	40	1 364	46 000	995	2 035	28 609	128 164	130 914	251 088	22 252
50 to 99 employees	2	26	1 937	60 479	1 441	2 772	37 024	172 478	142 916	320 975	7 841
100 to 249 employees	1	44	7 063	228 276	5 400	10 662	146 195	600 415	635 227	1 222 164	51 279
250 to 499 employees	1	20	6 906	233 550	5 530	10 959	166 371	580 090	617 445	1 197 870	24 647
500 to 999 employees	—	6	3 608	128 440	2 751	5 838	82 032	408 427	226 669	631 393	23 762
1,000 to 2,499 employees	—	1	g	D	D	D	D	D	D	D	D
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	81	467	15 914	377	753	11 881	38 697	38 204	76 901	3 765

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
326220	Rubber and plastics hoses and belting manufacturing	260	23 210	787 472	17 955	35 842	524 804	2 097 324	1 931 165	4 011 753	138 608
3262201	Flat rubber and plastics belts and belting	38	3 444	131 474	2 337	4 555	72 032	319 226	345 788	670 292	27 824
3262202	Rubber and plastics transmission belts and belting other than flat	19	4 417	164 437	3 362	6 690	105 474	478 475	295 257	776 763	21 683
3262203	Hose for on- and off-highway motor vehicles (made of rubber and other materials) (including plastics and nylon)	26	5 905	188 758	4 776	9 945	135 447	457 633	388 818	845 362	26 964
3262204	Industrial rubber and plastics hose without fittings (acid and chemical handling, food and beverage, petroleum curb pump, dock, transfer, and other industrial hose) .	34	3 059	101 674	2 335	4 392	65 150	268 673	290 473	561 093	29 409
3262205	Rubber and plastics water hose (including fire, irrigation, water suction-discharge, and other water hose)	14	f	D	D	D	D	D	D	D	D
3262206	Rubber and plastics garden hose (with or without fittings)	9	2 057	64 934	1 803	3 507	53 196	237 688	227 604	444 233	11 045
3262207	Rubber and plastics inner tube type air hose (other than pneumatic power transfer)	3	e	D	D	D	D	D	D	D	D
3262208	All other pneumatic and hydraulic hose, without fittings, made of rubber and other materials (plastics, nylon, etc.)	16	2 419	76 027	1 937	3 943	54 025	160 378	178 695	342 072	8 416

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
326220	Rubber and plastics hoses and belting manufacturing	2002.. N	X	X	3 861 927
	1997.. N	N	X	X	3 893 536
3262201	Flat rubber and plastics belts and belting	2002.. N	X	X	642 667
	1997.. N	N	X	X	611 106
32622011	Flat rubber and plastics belts and belting	2002.. N	X	X	630 160
	1997.. N	N	X	X	604 988
3262201141	Lightweight flat rubber and plastics belts and belting	2002.. 23	X	X	225 138
	1997.. 23	N	X	X	235 070
3262201143	Heavy duty flat rubber and plastics belts and belting	2002.. 18	X	X	286 701
	1997.. 15	N	X	X	248 064
3262201151	Other flat rubber and plastics belts and belting, including transmission	2002.. 19	X	X	118 321
	1997.. 17	N	X	X	121 854
3262201Y	Flat rubber and plastics belts and belting, nsk	2002.. N	X	X	12 507
	1997.. N	N	X	X	6 118
3262201YVV	Flat rubber and plastics belts and belting, nsk	2002.. N	X	X	12 507
	1997.. N	N	X	X	6 118
3262202	Rubber and plastics transmission belts and belting other than flat	2002.. N	X	X	678 711
	1997.. N	N	X	X	813 666
32622021	Motor vehicle rubber and plastics transmission belts and belting other than flat	2002.. N	X	X	259 462
	1997.. N	N	X	X	408 865
3262202125	Motor vehicle rubber and plastics transmission belts and belting other than flat	2002.. 6	X	X	259 462
	1997.. 6	N	X	X	408 865
32622022	All other rubber and plastics belts and belting other than flat	2002.. N	X	X	411 199
	1997.. N	N	X	X	399 221
3262202231	Industrial (excluding fractional horsepower) rubber and plastics transmission belts and belting other than flat	2002.. 12	X	X	304 395
	1997.. 11	N	X	X	297 268
3262202245	All other rubber and plastics belts and belting, including agricultural and fractional horsepower, other than flat	2002.. 16	X	X	106 804
	1997.. 14	N	X	X	101 953
3262202Y	Rubber and plastics transmission belts and belting other than flat, nsk	2002.. N	X	X	8 050
	1997.. N	N	X	X	5 580
3262202YVV	Rubber and plastics transmission belts and belting other than flat, nsk	2002.. N	X	X	8 050
	1997.. N	N	X	X	5 580
3262203	Hose for on- and off-highway motor vehicles (made of rubber and other materials) (including plastics and nylon)	2002.. N	X	X	936 495
	1997.. N	N	X	X	948 356
32622031	Hose for on- and off-highway motor vehicles (made of rubber and other materials) (including plastics and nylon)	2002.. N	X	X	936 495
	1997.. N	N	X	X	948 356
3262203101	High-pressure rubber and plastics hose (greater than 300 PSI working pressure), including air-conditioning, brake line, power steering hose for on-highway vehicles only, and other motor vehicle hoses	2002.. 15	X	X	394 443
	1997.. 15	N	X	X	345 348
3262203105	Low-pressure rubber and plastics hose (less than 300 psi working pressure), including value of pre-positioned sleeves, clamps, etc.	2002.. 18	X	X	542 052
	1997.. 16	N	X	X	603 008
3262203Y	Hose for on- and off-highway motor vehicles (made of rubber and other materials) (including plastics and nylon), nsk	2002.. N	X	X	—
	1997.. N	N	X	X	—
3262203YVV	Hose for on- and off-highway motor vehicles (made of rubber and other materials) (including plastics and nylon), nsk	2002.. N	X	X	—
	1997.. N	N	X	X	—
3262204	Industrial rubber and plastics hose without fittings (acid and chemical handling, food and beverage, petroleum curb pump, dock, transfer, and other industrial hose)	2002.. N	X	X	493 144
	1997.. N	N	X	X	453 363
32622041	Industrial rubber and plastics hose without fittings (acid and chemical handling, food and beverage, petroleum curb pump, dock, transfer, and other industrial hose)	2002.. N	X	X	493 144
	1997.. N	N	X	X	453 363
3262204100	Industrial rubber and plastics hose without fittings (acid and chemical handling, food and beverage, petroleum curb pump, dock, transfer, and other industrial hose)	2002.. 32	X	X	493 144
	1997.. 38	N	X	X	453 363
3262205	Rubber and plastics water hose (including fire, irrigation, water suction-discharge, and other water hose)	2002.. N	X	X	152 111
	1997.. N	N	X	X	136 684
32622051	Rubber and plastics water hose (including fire, irrigation, water suction-discharge, and other water hose)	2002.. N	X	X	152 111
	1997.. N	N	X	X	136 684
3262205100	Rubber and plastics water hose (including fire, irrigation, water suction-discharge, and other water hose)	2002.. 26	X	X	152 111
	1997.. 17	N	X	X	136 684
3262206	Rubber and plastics garden hose (with or without fittings)	2002.. N	X	X	374 740
	1997.. N	N	X	X	229 985
32622061	Rubber and plastics garden hose (with or without fittings)	2002.. N	X	X	374 734
	1997.. N	N	X	X	229 985
3262206101	Plastics, garden hose, with or without fittings, including perforated sprinkler	2002.. 6	X	X	291 523
	1997.. 6	N	X	X	194 586
3262206105	Rubber, garden hose, with or without fittings	2002.. 8	X	X	83 211
	1997.. 6	N	X	X	35 399
3262206Y	Rubber and plastics garden hose (with or without fittings), nsk	2002.. N	X	X	6
	1997.. N	N	X	X	—
3262206YVV	Rubber and plastics garden hose (with or without fittings), nsk	2002.. N	X	X	6

See footnotes at end of table.

Table 6a. **Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
326220 3262206 3262206Y 3262206YVV	Rubber and plastics hoses and belting manufacturing—Con. Rubber and plastics garden hose (with or without fittings)—Con. Rubber and plastics garden hose (with or without fittings), nsk—Con. Rubber and plastics garden hose (with or without fittings), nsk—Con.	1997..	N	X	—
3262207	Rubber and plastics inner tube type air hose (other than pneumatic power transfer)	2002.. 1997..	N N	X X	97 928 108 426
32622071	Rubber and plastics inner tube type air hose (other than pneumatic power transfer)	2002.. 1997..	N N	X X	97 302 108 426
3262207125	Rubber inner tube type air hose, including rubber and plastics combinations, (other than pneumatic power transfer)	2002.. 1997..	9 9	X X	32 623 50 561
3262207145	Nonrubber inner tube type air hose (other than pneumatic power transfer)	2002.. 1997..	6 8	X X	64 679 57 865
3262207Y	Rubber and plastics inner tube type air hose (other than pneumatic power transfer), nsk	2002.. 1997..	N N	X X	626 —
3262207YVV	Rubber and plastics inner tube type air hose (other than pneumatic power transfer), nsk	2002.. 1997..	N N	X X	626 —
3262208	All other pneumatic and hydraulic hose, without fittings, made of rubber and other materials (plastics, nylon, etc.)	2002.. 1997..	N N	X X	347 935 496 526
32622081	All other pneumatic and hydraulic hose, without fittings, made of rubber and other materials (plastics, nylon, etc.)	2002.. 1997..	N N	X X	337 229 472 603
3262208125	Rubber inner tube type pneumatic and hydraulic hose without fittings (including rubber and plastics combinations)	2002.. 1997..	11 13	X X	296 256 435 441
3262208145	Nonrubber inner tube type pneumatic and hydraulic hose, without fittings	2002.. 1997..	4 9	X X	40 973 37 162
3262208Y	All other pneumatic and hydraulic hose, without fittings, made of rubber and other materials (plastics, nylon, etc.), nsk	2002.. 1997..	N N	X X	10 706 23 923
3262208YVV	All other pneumatic and hydraulic hose, without fittings, made of rubber and other materials (plastics, nylon, etc.), nsk	2002.. 1997..	N N	X X	10 706 23 923
326220W	Rubber and plastics hoses and belting manufacturing, nsk, total	2002.. 1997..	N N	X X	138 196 95 424
326220WY	Rubber and plastics hoses and belting manufacturing, nsk, total	2002.. 1997..	N N	X X	138 196 95 424
326220WYWW	Rubber and plastics hoses and belting manufacturing, nsk, for nonadministrative-record establishments	2002.. 1997..	N N	X X	64 912 52 457
326220WYWY	Rubber and plastics hoses and belting manufacturing, nsk, for administrative-record establishments	2002.. 1997..	N N	X X	73 284 42 967

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p—10 to 19 percent estimated; q—20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3262201	Flat rubber and plastics belts and belting	
	United States..... 2002..	642 667
	..... 1997..	611 106
	Illinois..... 2002..	23 869
	..... 1997..	N
	Pennsylvania..... 2002..	13 813
	..... 1997..	N
3262202	Rubber and plastics transmission belts and belting other than flat	
	United States..... 2002..	678 711
	..... 1997..	813 666
3262203	Hose for on- and off-highway motor vehicles (made of rubber and other materials) (including plastics and nylon)	
	United States..... 2002..	936 495
	..... 1997..	948 356
	Ohio..... 2002..	145 404
	..... 1997..	168 335
3262204	Industrial rubber and plastics hose without fittings (acid and chemical handling, food and beverage, petroleum curb pump, dock, transfer, and other industrial hose)	
	United States..... 2002..	493 144
	..... 1997..	453 363
	California..... 2002..	29 156
	..... 1997..	29 639
	Illinois..... 2002..	34 214
	..... 1997..	32 905
	Ohio..... 2002..	74 240
	..... 1997..	48 239
	Texas..... 2002..	16 852
	..... 1997..	N
3262205	Rubber and plastics water hose (including fire, irrigation, water suction-discharge, and other water hose)	
	United States..... 2002..	152 111
	..... 1997..	136 684
	California..... 2002..	26 574
	..... 1997..	42 568
	Florida..... 2002..	22 304
	..... 1997..	N
3262206	Rubber and plastics garden hose (with or without fittings)	
	United States..... 2002..	374 740
	..... 1997..	229 985
	California..... 2002..	33 599
	..... 1997..	N
3262207	Rubber and plastics inner tube type air hose (other than pneumatic power transfer)	
	United States..... 2002..	97 928
	..... 1997..	108 426
	California..... 2002..	16 599
	..... 1997..	N
	Ohio..... 2002..	30 433
	..... 1997..	19 530
3262208	All other pneumatic and hydraulic hose, without fittings, made of rubber and other materials (plastics, nylon, etc.)	
	United States..... 2002..	347 935
	..... 1997..	496 526

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
326220	Rubber and plastics hoses and belting manufacturing		
00900001	Total materials .....2002..	X	1 788 691
	.....1997..	X	1 714 484
32521105	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc. ....2002..	X	237 712
	.....1997..	X	195 340
32521201	Synthetic rubber (including vulcanizable elastomers) .....2002..	X	150 677
	.....1997..	X	210 728
32510055	Rubber processing chemicals (accelerators, antioxidants, blowing agents, inhibitors, peptizers, etc.) .....2002..	X	54 269
	.....1997..	X	57 240
32510059	Plasticizers .....2002..	X	50 253
	.....1997..	X	23 890
32500037	All other chemicals and allied products .....2002..	X	44 391
	.....1997..	X	39 977
32518201	Carbon black .....2002..	X	38 053
	.....1997..	X	N
32629904	Rubber compounds and mixtures, purchased (dry rubber solids content) .....2002..	X	290 343
	.....1997..	X	N
33251019	Metal hose fittings and couplings .....2002..	X	115 568
	.....1997..	X	124 816
33120010	Steel wire .....2002..	X	52 591
	.....1997..	X	N
31320003	Textile fabrics .....2002..	X	243 458
	.....1997..	X	263 850
32220017	Paper and paperboard containers (including shipping sacks and other paper packaging supplies) .....2002..	X	40 835
	.....1997..	X	38 431
00970099	All other materials and components, parts, containers, and supplies .....2002..	X	338 593
	.....1997..	X	N
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	131 948
	.....1997..	X	148 068

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.